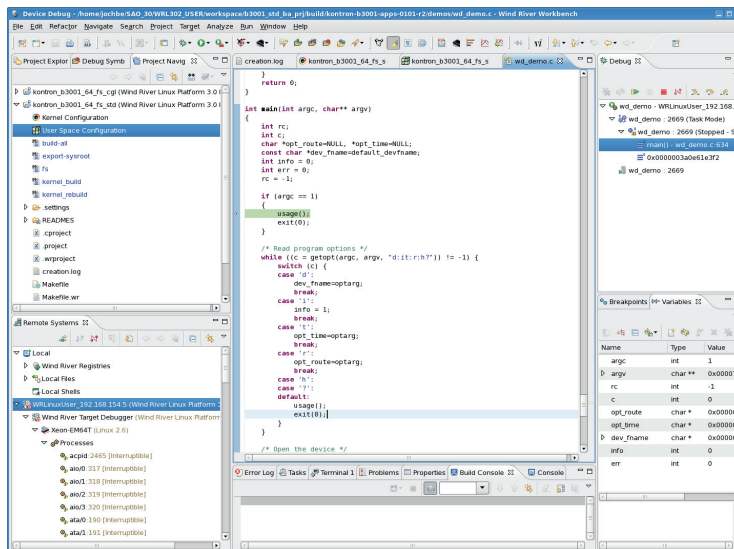


# » B3001 Platform BSP «



## B3001 Platform BSP for Wind River Linux

- » Off-the-shelf BSP for Wind River Linux
- » Supports Linux SMP
- » Fully integrated into the Wind River Workbench
- » Supports platform board specific devices
- » Supports AM5020, AM4020, CP6002, CP3002, CP3002-RC

## B3001 Platform BSP for Wind River Linux

The Kontron BSPs for Wind River platforms are designed to get customers started immediately with application development instead of first getting involved with BSP integration or hardware bring-up issues. Support of board specific devices and interfaces has been added to the BSP to achieve the full benefit of the functions provided by the hardware. The BSP is prepared to use the Wind River system diagnostic and debugging

tools which are integral elements of the Wind River Workbench. Various methods for application deployment of the final system are supported. All boot devices can be used to load the kernel and the root file system. Tools to install a system for stand alone deployment are bundled with the BSP.

### Technical Information

<b>Wind River Linux Platform</b>	Platform for Network Equipment (Wind River Linux 3.0.2 / Wind River Linux 4) (Other platforms can be supported, please contact Kontron)
<b>Root File Systems</b>	glib_cgl, glib_std
<b>Kernel Profiles</b>	cgl, standard
<b>Multi Processing</b>	Symmetric (SMP)
<b>Boot Devices</b>	Network (PXE) MM-SATA Flash Disk SATA Hard Disk Off board USB Storage Device Compact Flash
<b>PCI Express®</b>	Root Complex
<b>Ethernet</b>	10/100/1000 BASE-T Gigabit Ethernet Interface
<b>Serial</b>	RS232 without hardware handshake
<b>USB</b>	Host Controller Interface
<b>IPMI</b>	Sensor Reading System Monitoring Graceful Shutdown
<b>Miscellaneous Devices</b>	Real Time Clock Hardware Watchdog (RESET, IRQ, TIMER, Dual-Stage) EEPROM for user data storage
<b>Mass Storage</b>	MM-SATA Flash Disk SATA Hard Disk Off board USB Storage Device Compact Flash
<b>Board Status Indication</b>	General purpose LED block

NOTE: The feature list above represents a summary of functionalities supported by the platform BSP. Depending on the used Platform Board a subset of those features is available. For more information about implemented hardware features refer to the Platform Board Hardware Manual.

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